# OCPP 1.6 Full Certificate



Certificate holder:	CHAEVI CO.,LTD
Certificate number:	OCA.0016.0641.CS
Product type:	Charging Station
Product designation:	DCV-3WB7C-V2 OCPP Software version: CS.AC.1.0.0.1 Hardware feature set as stated below
Certification date:	February 6, 2024

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 1.6 – Edition 2 with OCPP 1.6 Errata sheet (v4.0 Release, 2019-10-23). The optional features of the protocol are also covered by this certification.

Test cases have been performed as described in the test report referred to below. The results and remarks can be found in the complete test report.

Applied tests	Performed by / on	Document evidence
Conformance testing according to the test specification referenced by the test report	Korea Smart Grid Association, February 6, 2024	(KSGA)CHAEVI_Test Report_DCV- 3WB7C-V2_v1.5

The abstract of test report in the Annex is an integral part of this certificate. This certificate is valid from the Certification Date specified above. This certificate is only applicable to the product designation described above and permits the use of the OCPP logo as laid down in the OCA certification logo license agreement on this product only.

This certificate shall neither be tendered nor accepted by any party as a guarantee covering quality of a product which includes OCPP. The Open Charge Alliance, and/or its agents, including, inter-alia, test laboratories, disclaim liability for any damages or losses incurred by the certified company or by any other party resulting from reliance on the results of OCPP certification testing.

For the Open Charge Alliance:

**ONOPH CARON** Chairman



# Abstract of test report

#### Test Result Summary

Summury			
Test Report	OCPP 1.6	Certification	
Test laboratory:	Korea Smart	Grid Association	
Location:	Seoul, Korea		
Test execution location:	KSGA Test Lab		
Test Report Reference:	KSGA-OCPP1.	6TEST-021-2024	
Vendor name:	CHAEVI		
Device Under Test:	Charging Stati	on	
Communication:	JSON		
OCPP Software version:	CS.AC.1.0.0.1		
Product designation:	DCV-3WB7C-V	/2	
Test Result Summary	for the ce	ertified functionalities	
Functionalities	OCPP 1.6	Description	
	Certification		
	Test Results		
Core	Pass	Basic Charging Station functionality for booting, authorization (incl. cache if available), configuration, transactions, remote control.	
Optional features			
Firmware Management	Pass	Support for (remote) firmware update management and diagnostic log file download.	
Smart Charging	Pass	Support for Smart Charging (all profile types, including stacking), to control charging.	
Reservation	Pass	Support for reservation of a connector of a Charging Station.	
Local Authorization List Management	Pass	Features to manage a local list in the charging station containing authorization data for whitelisting users.	
Remote Trigger	Pass	Support for remotely triggering messages that originate from a Charging Station. This can be used for resending messages or for getting the latest information from the Charging Station.	



#### Performance Measurement Results

Name	PICS value	Measured value	Description
OCPP triggered function timeout:	90s	00:00:10	The response time for when waiting for an OCPP function with its corresponding request message. (Firmware update, Diagnostics and Reboot are excluded from this measurement.)
OCPP response timeout:	30s	00:00:04	The response time for when waiting for an OCPP response message.
Response time RemoteStartTransaction:	30s	00:00:01	The response time for the RemoteStartTransaction message.

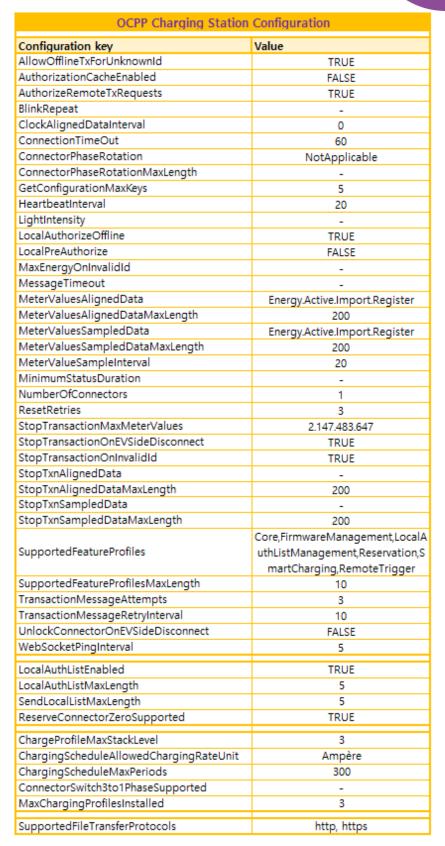
## Test Configuration

Vendor	CHAEVI
DUT / SUT	Charging Station
Communication	JSON
Туре	DCV-3WB7C-V2
OCPP Software version	CS.AC.1.0.0.1
OCTT version	OCTT 1.6 v1.4.3

Hardware feature set			
Facture Configuration			
Feature	Configuration		
Socket(s) / connector(s)	Single		
Fixed cable	<yes></yes>		
Communication technology	Ethernet		
RFID readers	Single		
Non-OCPP Charge Point Configuration			
Configuration key	Value		
$\diamond$	<>		

All other relevant limits and non-OCPP settings that are relevant for the test laboratory and for the correct functioning of the CSMS:

Limit / setting	Value
Device supports sending milliseconds in	Yes
timestamps.	105



Page 3 from 4



## Statement of Approval

Vendor		Date: 2024.02.06
Name	KyungSoo Bae	Signature
Company	CHAEVI	10/20/2
Department	Technique Center	131/2020
Position	Managing Director	
Location	Daegu, Korea	L'

Test laboratory		Date: 2024.02.06
Name	Philip YANG	Signature
Company	Korea Smart Grid Association	6
Department	Quality Certification Center	
Position	Chief Researcher	
Location	Seoul, Korea	

Page **4** from **4**